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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,187

DATE: 02/15/2000
 TIME: 14:57:42

Input Set: I490187.RAW

This Raw Listing contains the General Information
 Section and up to first 5 pages.

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1 <110> APPLICANT: Chaudhary, Preet M.
2 <120> TITLE OF INVENTION: Gene Expression in Ectodermal Dysplasia
3 <130> FILE REFERENCE: utsd680
4 <140> CURRENT APPLICATION NUMBER: US/09/490,187
5 <141> CURRENT FILING DATE: 2000-01-23
6 <160> NUMBER OF SEQ ID NOS: 2
7 <170> SOFTWARE: PatentIn Ver. 2.1
8 <210> SEQ ID NO 1
9 <211> LENGTH: 1489
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11 <213> ORGANISM: human
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19 1 5 10 15
20 ctt tta gta tta cta ggc tat ttg tca tgt aaa gtg act tgt gaa tca 157
21 Leu Leu Val Leu Leu Gly Tyr Leu Ser Cys Lys Val Thr Cys Glu Ser
22 20 25 30
23 gga gac tgt aga cag caa gaa ttc agg gat cgg tct gga aac tgt gtt 205
24 Gly Asp Cys Arg Gln Gln Glu Phe Arg Asp Arg Ser Gly Asn Cys Val
25 35 40 45
26 ccc tgc aac cag tgt ggg cca ggc atg gag ttg tct aag gaa tgt ggc 253
27 Pro Cys Asn Gln Cys Gly Pro Gly Met Glu Leu Ser Lys Glu Cys Gly
28 50 55 60
29 ttc ggc tat ggg gag gat gca cag tgt gtg gcg tgc cgg ctg cac agg 301
30 Phe Gly Tyr Gly Glu Asp Ala Gln Cys Val Ala Cys Arg Leu His Arg
31 65 70 75
32 ttc aag gag gac tgg ggc ttc cag aaa tgc aag ccc tgt ctg gac tgc 349
33 Phe Lys Glu Asp Trp Gly Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys
34 80 85 90 95
35 gca gtg gtg aac cgc ttt cag aag gca aat tgt tca gcc acc agt gat 397
36 Ala Val Val Asn Arg Phe Gln Lys Ala Asn Cys Ser Ala Thr Ser Asp
37 100 105 110
38 gcc atc tgc ggg gac tgc ttg cca gga ttt tat agg aag acg aaa ctt 445
39 Ala Ile Cys Gly Asp Cys Leu Pro Gly Phe Tyr Arg Lys Thr Lys Leu
40 115 120 125
41 gtc ggc ttt caa gac atg gag tgt gtg cct tgt gga gac cct cct cct 493
42 Val Gly Phe Gln Asp Met Glu Cys Val Pro Cys Gly Asp Pro Pro Pro
43 130 135 140
44 cct tac gaa ccg cac tgt gcc agc aag gtc aac ctc gtg aag atc gcg 541

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54	Tyr	Cys	Lys	Arg	Gln	Phe	Met	Glu	Lys	Lys	Pro	Ser	Trp	Ser	Leu	Arg	
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56	tca	cag	gac	att	cag	tac	aac	gag	act	gag	ctg	tgc	tgt	ttt	gac	aga	733
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87	Asn	Phe	Thr	Ala	Ala	Thr	Asp	Leu	Ser	Arg	Tyr	Asn	Asn	Thr	Leu	Val	
88	370													375		380	
89	gaa	tca	gca	tca	act	cag	gat	gca	cta	act	atg	aga	agc	cag	cta	gat	1261
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92	cag	gag	agt	ggc	gct	gtc	atc	cac	cca	gcc	act	cag	acg	tcc	ctc	cag	1309
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96 Val Arg Gln Arg Leu Gly Ser Leu
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98 aactctgttc ccagcataag atttggggga acctggatga gttttttttt ttgcacatctt 1423
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115 65 70 75 80
116 Lys Glu Asp Trp Gly Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys Ala
117 85 90 95
118 Val Val Asn Arg Phe Gln Lys Ala Asn Cys Ser Ala Thr Ser Asp Ala
119 100 105 110
120 Ile Cys Gly Asp Cys Leu Pro Gly Phe Tyr Arg Lys Thr Lys Leu Val
121 115 120 125
122 Gly Phe Gln Asp Met Glu Cys Val Pro Cys Gly Asp Pro Pro Pro Pro
123 130 135 140
124 Tyr Glu Pro His Cys Ala Ser Lys Val Asn Leu Val Lys Ile Ala Ser
125 145 150 155 160
126 Thr Ala Ser Ser Pro Arg Asp Thr Ala Leu Ala Ala Val Ile Cys Ser
127 165 170 175
128 Ala Leu Ala Thr Val Leu Leu Ala Leu Ile Leu Cys Val Ile Tyr
129 180 185 190
130 Cys Lys Arg Gln Phe Met Glu Lys Lys Pro Ser Trp Ser Leu Arg Ser
131 195 200 205
132 Gln Asp Ile Gln Tyr Asn Glu Thr Glu Leu Ser Cys Phe Asp Arg Pro
133 210 215 220
134 Gln Leu His Glu Tyr Ala His Arg Ala Cys Cys Gln Cys Arg Arg Asp
135 225 230 235 240
136 Ser Val Gln Thr Cys Gly Pro Val Arg Leu Leu Pro Ser Met Cys Cys
137 245 250 255
138 Glu Glu Ala Cys Ser Pro Asn Pro Ala Thr Leu Gly Cys Gly Val His
139 260 265 270
140 Ser Ala Ala Ser Leu Gln Ala Arg Asn Ala Gly Pro Ala Gly Glu Met
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150	Gln Asp Leu Val Gly Gly Ala Val Pro Val Gln Ser His Ser Glu Asn			
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156	Glu Ser Gly Ala Val Ile His Pro Ala Thr Gln Thr Ser Leu Gln Val			
157	405	410	415	
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VERIFICATION SUMMARY
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Line ? Error/Warning

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